

July 25, 2002
Letter of Deficiency
DAM #008.04

Chairman Dennis E. Fenton
Town of Andover
P.O. Box 61
Andover, NH 03216

RE: Highland Lake Dam, Andover

Dear Chairman Fenton:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on December 6, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

1. There is light brush to the right of the stoplog bays;
2. There are two sinkholes on the crest of the dam approximately 4 feet from the edge of the road and 7' from the left edge of the concrete culvert;
3. There is a large tree to the immediate left of the stoplog bay. This tree has the potential to uproot and cause the dam to fail; and
4. The Emergency Action Plan (EAP) has not been tested since March 2, 1997. Per Division rules, annual testing is required.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

1. Remove the brush to the right of the stoplog bays;
2. Fill the two sinkholes located on the crest of the dam approximately 4 feet from the edge of the road and 7' from the left edge of the concrete culvert;
3. Cut the large tree to the immediate left of the stoplog bay. This tree has the potential to uproot and cause the dam to fail;
4. Test the EAP. If you need assistance with the test please contact Bethann McCarthy, DES EAP Coordinator; and
5. Review and update, if necessary, the Operation and Maintenance Plan.

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DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Due to the time that has lapsed as well as additional deficiencies observed as a result of the December 6, 2001 inspection, DES will be officially closing out the 1998 LOD. Enclosed is a copy for your reference. This LOD will replace the 1998 LOD. It is our hope that the additional deficiencies as well as the outstanding deficiencies will be addressed within the schedule indicated above.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

Amy C. Clark
Dam Safety Engineer

Attachments DB8, DB13, Copy of 1998 LOD
cc: Gretchen Rule
Town of Andover
Certified # _____
ACC/was/h:/safety/wendy/lod/008-04lod.doc